10/25/04 15:52 1 :17/20 NO:129

Case No.: 59056US002

ASSIGNMENT OF APPLICATION

Whereas i/we, the below named inventor(a), with residence and citizenship as indicated below, have made an invention in

REGISTRATION ARRANGEMENT FOR FUEL CELL ASSEMBLIES for which an application for a United States Patent is being filed contemporaneously herewith; for which an application for a United States Patent Identified as U.S. Patent Application No.; was filed on; which application is identified as PCT International Patent Application No. filed;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment by 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to Issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

| Given Name (first and middle [if any]): | Family Name or Sumame: | | | | |
|---|------------------------|--------------------------|--|--|--|
| Kirn B. | Saulsbury | | | | |
| Inventor's Signature: | Date: 10-31-03 | | | | |
| Residence: | Country: | Citizenship: | | | |
| Lake Elmo, Minnesota | USA | United States of America | | | |
| STATE OF MINNESOTA 88. COUNTY OF RAMSEY On this 31 day of October 2.2003, before me personally appeared the above-named Kim B. Saulsbury, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesald. (Seal) PHYLLIS J. BOETTCHER Notary Public Minnesofa My Camm. Expires Jan. \$1,8985 | | | | | |

Assignment

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Case No.: 59056US002

| Given Name (first and middle [if any]): Mary R. | Family Name or Su Boone | mame: | | | |
|---|--|--|--|--|--|
| Investore Signature | Date: 10-31-03 | | | | |
| Residence:// West Saint Paul, Minnesota | Country: USA | Citizenship: United States of America | | | |
| STATE OF MINNESOTA) as. COUNTY OF RAMSEY On this 3/day of October , 2003, before me personally appeared the above-named Mary R. Boone, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) PHYLLIS J. BOETTCHER Notary Public MINNESOTA Notary Public Notary | | | | | |
| Given Name (first and middle [if any]): Dennis P | Femily Name or Su O'Brien | mame: | | | |
| Residence: Mapiewood, Minnesota | Country! | Citizenship: United States of America | | | |
| STATE OF MINNESOTA) as. COUNTY OF RAMSEY On this 3/ day of October | | | | | |
| Given Name (first and middle [if any]): Dennis E. | Family Name or Su Ferguson | name: | | | |
| Inventor's Signature | Date: 10/3/1 | 103 | | | |
| Mahtomedi, Minnesota | Country: USA | Citizenship: United States of America | | | |
| STATE OF MINNESOTA) 5s. COUNTY OF RAMSEY On this 31 day of Octob Dennis E. Ferguson, and who executed the foregoing instaforesald. (Seal) PHYLLIS J. BOETTCHER NOTARY PUBLIC MINNESOTA My Comm. Expres Jan. 31 2005 | . 2003, before me p rument, as said person' Notar Public | ersonally appeared the above-named is free act and deed, on the day and year | | | |

Assignment

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Case No.: 59056US002

Case No.: 59056US002 RECORDATION FORM COVER SHEET PATENTS ONLY To: The Honorable Commissioner of Patents and Trademarks Please record the attached original document(s) or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies)/(Execution Date) 3M Innovative Properties Company October 15, 2004 Boucher, Paul M. P.O. Box 33427 St. Paul. Minnesota 55133-3427 Additional names of receiving party(ies) attached? ☐ Yes 🖾 No Additional names of conveying party(les) attached? Yes No 3. Nature of Conveyance: Merger Assignment Change of Name Security Agreement Other: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is : B. Patent No(s). Patent Application No(s). 10/699454 Additional Numbers Attached?

Yes

No 6. Total number of applications 5. Name and address of party to whom correspondence concerning document should be mailed: and patents involved: Name: Philip Y. Dahl Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: (651) 737-4029 7. Total fee (37 CFR § 3.41): \$40.00 32692 ☐ Enclosed ☐ Authorized to be charged to deposit account **Customer Number** 8. Deposit Account Number: 13-3723 DO NOT USE THIS SPACE 9. Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein. Printed Name of Attorney/Agent: 64 Philip Y. Dahl Date Signature Registration No.: 36,115 Pages: Total number of pages including COVER SHEET, attachments and documents

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordstion Services
Director of the United States Patent and Trademark Office
P.O. Box 1450

P.O. Box 1450 Alexandria, VA 22313-1450

Case No.: 59056US002

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

| REGISTRATION ARRANGEMENT FOR FUEL CELL ASSEMBLIES | | | | |
|--|--|--|--|--|
| for which an application for a United States Patent is being filed contemporaneously herewith; for which an application for a United States Patent identified as U.S. Patent Application No. 10/899454; was filed on | | | | |
| October 31, 2003; which application is identified as PCT International Patent Application No. filed; | | | | |

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treatles, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made:

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

| Given Name (first and middle [If any]): Paul M. | Family Name or Surname: Boucher | | | |
|--|------------------------------------|--|--|--|
| Inventor's Signature: Paul N. Bon Cu | Date: 10/15/0 | 4 | | |
| Residence: Lake Elmo, Minnesota | Country: USA | Citizenship: United States of America | | |
| STATE OF MINNESOTA) 88. COUNTY OF RAMSEY On this | | | | |

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